

Claims

8. Synthesised cyclosporin having the formula:

(-X-U-Y-Z-Val-MeLeu-Ala-(D)Ala-MeLeu-MeLeu-MeVal-)

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1 2 3 4 5 6 7 8 9 10 11

wherein:

X is -MeBmt or 6,7-dihydro-MeBmt-

U is -Abu, Nva, Val, Thr

Y is Sar or (D)-MeSer or (D)-MeAla or (D)-MeSer (OAcyl)

Z is (N-R)aa where aa={Val, Ile, Thr, Phe, Tyr, Thr (OAc), Thr (OG₁), Phe (G₁), PheCH₂(G₃), Tyr (OG₃)} with R = (alkyl > CH₃);

G₁ = {phenyl-COOH, phenyl-COOMe, phenyl-COOEt};

G₂ = {CH₂COOH, CH₂COOMe (Et)₄, CH₂PO(OMe)₂, CH₂PO(OH)₂};

G₃ = {PO(OH)₂, PO(OCH₂CH=CH₂)₂, CH₂COOH, CH₂COOMe (Et)}.

9. Cyclosporin according to claim 8, wherein the residue Z in position 4 is (R)Val where R>CH₃ and R<C₁₀H₂₁.

10. Cyclosporin according to claim 8, wherein the residue Z in position 4 is N-ethyl-valine.

11. Pharmaceutical composition containing the compound having the formula:

(-X-U-Y-Z-Val-MeLeu-Ala-(D)Ala-MeLeu-MeLeu-MeVal-)

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1 2 3 4 5 6 7 8 9 10 11

wherein:

X is -MeBmt or 6,7-dihydro-MeBmt-

U is -Abu, Nva, Val, Thr

Y is Sar or (D)-MeSer or (D)-MeAla or (D)-MeSer (OAcyl)

Z is (N-P)aa where aa={Val, Ile, Thr, Phe, Tyr, Thr (OAc), Thr (OG₁), Phe (G₁), PheCH₂(G₃), Tyr (CG₁)} with R = (alkyl > CH₃);

G₁ = (phenyl-COOH, phenyl-COOMe, phenyl-COCEt);

G₂ = (CH₂COOH, CH₂COOMe(Et), CH₂PO(OMe)₂, CH₂PO(OH)₂);

G₃ = (PO(OH)₂, PO(OCH₂CH=CH₂)₂, CH₂COCH, CH₂COOMe(Et))

12. Pharmaceutical composition according to claim 11, wherein it is combined with a pharmaceutically acceptable solution.

13. A medicinal product intended for the treatment and prevention of AIDS, containing the cyclosporin according to claim 8 or claim 11.

14. A medicinal product intended for the treatment and prevention of AIDS containing the cyclosporin according to claim 10.

Respectfully submitted,

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Date

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